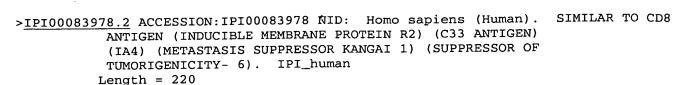
Texicoli DLASI Server

EXHIBIT "C"



Score = 451 bits (1160), Expect = e-126 Identities = 216/216 (100%), Positives = 216/216 (100%)

Query:	33	AWLLLDRNNFLTAFDENNHFIVPISQILIGMGSSTVLFCLLGYIGIHNEIRWLLIVYAVL AWLLLDRNNFLTAFDENNHFIVPISQILIGMGSSTVLFCLLGYIGIHNEIRWLLIVYAVL	92
Sbjct:		AWLLLDRNNFLTAFDENNHFIVPISQILIGMGSSTVLFCLLGYIGIHNEIRWLLIVYAVL	64
Query:	93	ITWTFAVQVVLSAFIITKKEEVQQLWHDKIDFVISEYGSKDKPEDITKWTILNALQKTLQITWTFAVQVVLSAFIITKKEEVQQLWHDKIDFVISEYGSKDKPEDITKWTILNALQKTLQ	152
Sbjct:	65	ITWTFAVQVVLSAFIITKKEEVQQLWHDKIDFVISEYGSKDKPEDITKWTILNALQKTLQ	124
·		CCGQHNYTDWIKNKNKENSGQVPCSCTKSTLRKWFCDEPLNATYLEGCENKISAWYNVNV CCGQHNYTDWIKNKNKENSGQVPCSCTKSTLRKWFCDEPLNATYLEGCENKISAWYNVNV	
Sbict:	125	CCGQHNYTDWIKNKNKENSGQVPCSCTKSTLRKWFCDEPLNATYLEGCENKISAWYNVNV	184

Query: 213 LTLIGINFGLLTSEVFQVSLTVCFFKNIKNIIHAEM 248 LTLIGINFGLLTSEVFQVSLTVCFFKNIKNIIHAEM Sbjct: 185 LTLIGINFGLLTSEVFQVSLTVCFFKNIKNIIHAEM 220 Lexicon DLAST Server

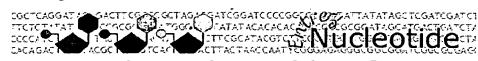
EXHIBIT "D"

>XM_084868 ACCESSION:XM_084868 NID: gi 22059998 ref XM_084868.5 Homo sapiens similar to CD82 antigen (Inducible membrane protein R2) (C33 antigen) (IA4) (Metastasis suppressor Kangai 1) (Suppressor of tumorigenicity-6) (LOC144448), mRNA Length = 992

Score = 1465 bits (739), Expect = 0.0
Identities = 746/747 (99%), Gaps = 1/747 (0%)
Strand = Plus / Plus

Query: Sbjct:		atgttaagaaataacaaaacaataattattaagtactttcttaatctcattaatggagct	
_		ttcttggttcttggacttttattcatgggatttggtgcatggctcttattagataga	
Sbjct:	138	ttct-ggttcttggacttttattcatgggatttggtgcatggctcttattagataga	196
		aattttttaacagcttttgatgaaaataatcacttcatagtacctatttctcaaattttg	
		attggaatgggatcttctactgttcttttttgtctattgggttatataggaattcacaac	
		gaaatcagatggctcctaattgtgtatgcagtattgataacatggacctttgctgttcag	
_		gttgtactttcagcattcatcatcacaaagaaagaggaggttcagcaactatggcatgac	
		aaaattgattttgtcatttctgagtatggatctaaagataagcctgaagatataaccaag	
		tggactattctgaatgccttacagaaaacattacagtgttgtggccaacataattacaca	•
		gactggataaagaataagaacaaagaaaattcaggacaggtgccatgttcttgcacaaag	
Query:	541	tcaactttaagaaaatggttttgtgatgagccactgaatgcaacttaccttgagggttgt	600





PubMed Nucleotide Protein Genome Structure **PopSet** Taxonomy **OMIMO** Go Clear Search Nucleotide for Limits Preview/Index Clipboard History Details Display default Save Text Add to Clipboard Get Subsequence

☐ 1: XM_084868. Homo sapiens simi...[gi:22059998]

Links

LOCUS LOC144448 992 bp mRNA linear PRI 01-AUG-2002 DEFINITION Homo sapiens similar to CD82 antigen (Inducible membrane protein

R2) (C33 antigen) (IA4) (Metastasis suppressor Kangai 1)

(Suppressor of tumorigenicity-6) (LOC144448), mRNA.

ACCESSION XM_084868

VERSION XM_084868.5 GI:22059998

KEYWORDS

SOURCE human.

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 992)

AUTHORS NCBI Annotation Project.

TITLE Direct Submission

JOURNAL Submitted (31-JUL-2002) National Center for Biotechnology

Information, NIH, Bethesda, MD 20894, USA

COMMENT GENOME ANNOTATION REFSEQ: This model reference sequence was

predicted from NCBI contig NT_009538 by automated computational analysis using gene prediction method: BLAST, supported by EST

e<u>vidence</u>.

Also see:

<u>Documentation</u> of NCBI's Annotation Process

On Aug 1, 2002 this sequence version replaced gi: 20553886.

FEATURES

Location/Qualifiers

source

1..992
/organism="Homo sapiens"

/db_xref="taxon:9606"

/chromosome="12"

gene 1..992

/gene="LOC144448"

/db_xref="InterimID: 144448"

<u>CDS</u> 161..823

/gene="LOC144448"

/codon_start=1

/product="similar to CD82 antigen (Inducible membrane protein R2) (C33 antigen) (IA4) (Metastasis suppressor

Kangai 1) (Suppressor of tumorigenicity-6) "

/protein_id="XP_084868.4"
/db_xref="GI:20553887"
/db_xref="InterimID:144448"

/translation="MGFGAWLLLDRNNFLTAFDENNHFIVPISQILIGMGSSTVLFCL LGYIGIHNEIRWLLIVYAVLITWTFAVQVVLSAFIITKKEEVQQLWHDKIDFVISEYG SKDKPEDITKWTILNALQKTLQCCGQHNYTDWIKNKNKENSGQVPCSCTKSTLRKWFC DEPLNATYLEGCENKISAWYNVNVLTLIGINFGLLTSEVFQVSLTVCFFKNIKNIIHA

EM"

misc_feature 161..796

/gene="LOC144448" /note="Region: pfam00335, transmembrane4, Tetraspanin family" BASE COUNT 344 a 141 c 170 g 337 t ORIGIN 1 acgaacgcag catttcaggg actggatgag gagcttacgg ttttttacag aatcatcaat 61 atcttggaag aaaaagaatg ttaagaaata acaaaacaat aattattaag tactttctta 121 atctcattaa tggagctttc tggttcttgg acttttattc atgggatttg gtgcatggct 181 cttattagat agaaataatt ttttaacagc ttttgatgaa aataatcact tcatagtacc 241 tatttctcaa attttgattg gaatgggatc ttctactgtt cttttttgtc tattgggtta 301 tataggaatt cacaacgaaa tcagatggct cctaattgtg tatgcagtat tgataacatg 361 gacctttgct gttcaggttg tactttcagc attcatcatc acaaagaaag aggaggttca 421 gcaactatgg catgacaaaa ttgattttgt catttctgag tatggatcta aagataagcc 481 tgaagatata accaagtgga ctattctgaa tgccttacag aaaacattac agtgttgtgg 541 ccaacataat tacacagact ggataaagaa taagaacaaa gaaaattcag gacaggtgcc 601 atgttcttgc acaaagtcaa ctttaagaaa atggttttgt gatgagccac tgaatgcaac 661 ttaccttgag ggttgtgaaa ataaaatcag tgcatggtat aatgttaatg tgttaacctt 721 aatcggaatt aactttggac ttttaacttc agaggttttc caagtctcat taacagtttg 781 tttcttcaaa aacatcaaga atataatcca tgcagaaatg tgacctttgg atttcaattt 841 gttcagaaga aaccagttaa ttcttaaaaa atcacattat attattttat tccaaaaacg 901 ttttgaattg tattaaataa cagatgtatt caaattatta attatatgta atattgaatt 961 actgaatact ataataaaac attcatgaaa tt 11

Revised: July 5, 2002.

<u>Disclaimer | Write to the Help Desk</u> <u>NCBI | NLM | NIH</u>

Sep 30 2002 14:02:06